



## ADMINISTRATIVE STAFF COLLEGE OF INDIA

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**Prof. V. Srinivas Chary**  
**Prof. G. Bala Subramanyam**  
Programme Directors

March 14, 2018

### Training Programme on

## DESIGN AND OPERATIONAL ASPECTS OF SEWAGE AND FAECAL WASTE TREATMENT PLANT – STP & FSTP

(May 07-09, 2018)

Dear Sir/Madam,

Sub: Three day residential training programme on “**Design and Operational Aspects of Sewage and Faecal Waste Treatment Plants-STP & FSTP**” from **May 07-09, 2018** at ASCI, Hyderabad

Administrative Staff College of India, Hyderabad is pleased to announce a three day programme on “Design and Operational Aspects of Sewage and Faecal Waste Treatment Plants-STP & FSTP” from May 07-09, 2018. The programme is mainly aimed to enhance the capacity building of senior and middle level officers and engineers of Urban Local Bodies, Central and State Pollution Control Board, Central and State Urban Departments, NRCD, Urban Sector Professionals, Project Mangers and EIA Consultants. The programme brochure and nomination form are herewith attached with a request you to consider to nominate few officers from your organization.

We look forward to receive your confirmation at the earliest.

With Regards

(V. Srinivas Chary)

(G. Bala Subramanyam)

Encl : Programme Brochure along with Nomination form

Training Programme on  
**DESIGN AND OPERATIONAL ASPECTS OF SEWAGE AND  
FAECAL WASTE TREATMENT PLANT – STP & FSTP**

May 07-09, 2018

**Administrative Staff College of India  
Hyderabad, Telangana**

## Programme Overview:

CPCB report on “Inventorization of STPs – 2015”, states that sewage contributes 70% of water pollution load to streams or water bodies in our country. The untreated sewage is a potential source for the ground and surface water pollution. Hence, needs to be treated to the required norms before discharging. As per CPCB report there are 816 STPs having capacity to treat 23,277 MLD. Central and State Governments are spending huge amounts in CAPEX and OPEX for construction and operation of STPs. Also, the industrial townships are mandated to establish decentralized STPs for their townships by the SPCBs.

Also, recognizing the fact that the penetration of sewerage network is very less and in order to handle the “Septage” generated from the septic tanks, which is highly polluted in terms of BOD, COD, TSS & pathogens, Government of India launched National Policy on “**Faecal Sludge and Septage Management, 2017**”. The ULBs are expected to establish co-treatment of septage with sewage or stand alone Faecal Sludge Treatment Plants (FSTPs).

To effectively handle the water pollution from domestic waste water, MOEF & CC, GoI notified specific norms for compliance with reference to the operation of STPs; vide notification dated 13-10-2017. Recognizing the importance of protecting the water bodies, the National Green Tribunal had also issued many orders to the ULBs directing to treat the domestic waste water adequately and to protect the environment.

There is a need for developing capacity building in the areas of planning and operations of STPs and FSTPs. In this context Administrative Staff College of India is organizing a three day training program on “Design and Operational Aspects of Sewage and Faecal Waste Treatment Plants – STP & FSTP”.

## Objective of the Programme:

- ▶ To understand the impacts due to waste water and need for the treatment and to plan for resource recovery
- ▶ To understand the functions and operational aspects of Primary Treatment, Secondary Treatment and Tertiary Treatment and planning for STP and FSTP

- ▶ To understand the different technologies Sewage such as Waste Stabilization Ponds(WSP), Activated Sludge Process (ASP), Moving Bed Reactor(MBBR), Sequential Batch Reactor(SBR), Anaerobic Digestion Process, Phytoid Process, Thermal Process etc.

## Programme Structure:

- ▶ Sewage & septage characteristics and its impact on the environment
- ▶ Critical parameters for planning the STP and FSTP
- ▶ Functions of different Unit Operations
- ▶ Technology options
- ▶ Operational aspects
- ▶ Reviewing the DPRs for adequacy
- ▶ Post project monitoring
- ▶ Field visit
- ▶ Project work

## Resource Persons

Experts from ASCI, scientific organizations and practicing managers will share the concepts and their experiences

## Participant Profile

The programme is primarily aimed for senior and middle level officers and engineers of Urban Local Bodies, Central and State Pollution Control Board, Central and State Urban Departments, NRCO, Urban Sector Professionals, Project Managers and EIA Consultants.

## Venue

ASCI provides a unique learning environment in the form of comfortable classrooms, well equipped library and computer center, comfortable single occupancy, air conditioned accommodation and beautiful green campus. However, the College does not provide accommodation for the family. Transport between Airport / Railway Station and venue will be arranged by the college. The College is WiFi enabled in comprehensive way.

## Duration

The programme duration is from May 07 – 09, 2018. The participants are expected to arrive a day before the commencement and may leave after the conclusion of the programme.

## Programme Fee

**Rs. 34,000/-** (US \$690 for foreigners) plus GST as applicable, presently 18% per participant. The fee covers tuition, board and lodging, courseware (in electronic form) and other facilities of the College including internet usage.

Non-Residential Fee: **Rs.28,000/-** plus GST as applicable, presently 18% per participant. The fee covers tuition, board and lodging, course ware (in electronic form) working lunch and other facilities of the College including internet usage.

A discount of 10% on the Programme fee for three or more participants from the same organisation will be given, provided the payment is credited in to our Bank account before **May 04, 2018**. Bank details are given below:

### For Indian Participants :

#### Bank Particulars

Bank Name	State Bank of India
Address line 1	6-3-1092, 1st Floor, A Block
Address line 2	Bellavista Branch, Raj Bhavan Road
Address line 3	Hyderabad – 500 082
Beneficiary A/c Name	Administrative Staff College of India
Bank Account Number	62090698675
Bank MICR No	500002306
NEFT IFSC Code	SBIN0020063

### For Foreign Participants:

Receiver's	State Bank of India, New York
Correspondent Bank	(SWIFT: BOFAUS3N) Via Chips ABA 0959 for Account UID 002473 Via Fedwire 026009593

For Credit of	State Bank of India, Treasury Department, Mumbai, India, SWIFT BIC – SBININBBH04 Nostro A/c No.6550992180.
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Ultimate Beneficiary	Administrative Staff College of India, Account No.: 62090698960, State Bank of India Bellavista Branch, Rajbhavan Road, Hyderabad – 500 082.
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### *Organizational sponsorship is essential*

Note: Details of Bank / Wire transfer may be sent to fo@asci.org.in for confirmation.

## Medical Insurance

The nominees are requested to carry with them the proof of Medical Insurance. The Sponsoring agency is required to endorsed the nominee's medical coverage in the event of hospitalization.

## Last Date For Nomination

Please use the prescribed/attached form. Last date is **April 30, 2018**. Kindly contact Programmes Officer for further details (contact details are given at the end of the nomination form).

## Last Date For Withdrawal

**April 30, 2018**. Any withdrawals after this date would entail forfeiture of fee paid, if any.

## ASCI Alumni Association

Participants of College programmes will automatically become members of ASCI Alumni Association.

## Certificate Of Participation

The College issues a Certificate of Participation on conclusion of the Programme.

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**Programme Director(s)**  
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**Prof. V. Srinivas Chary**  
schary@asci.org.in

**Prof. G. Bala Subramanyam**  
gbs@asci.org.in

## ABOUT THE ADMINISTRATIVE STAFF COLLEGE OF INDIA

The Administrative Staff College of India (ASCI) is a pioneer in management education of experienced professionals in the country. Over 1,40,000 executives from government and non-government agencies from India and overseas have taken advantage of the residential programmes offered by the college. The Urban Programme in ASCI comprises policy, training, advisory and knowledge support to local, state and national governments, national and international development organisations for urban sector reforms in India. It is recognised as Centre for Excellence in service delivery, governance reforms and PPPs by MoUD, GoI. ASCI has a strong urban management and PPP focus and is playing a significant role in providing development training, research and consultancy services to urban local bodies and other national and international organisations.



**Administrative Staff College of India**  
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[www.asci.org.in](http://www.asci.org.in)



**ADMINISTRATIVE STAFF COLLEGE OF INDIA**  
Bella Vista, Raj Bhavan Road, Hyderabad - 500 082, (India)

**Nomination Form**  
Training Programme on

**DESIGN AND OPERATIONAL ASPECTS OF SEWAGE AND  
FAECAL WASTE TREATMENT PLANT – STP & FSTP**

(May 07-09, 2018)

**Nominee's Contact Information :**

Name (Mr/Ms) :	_____	Date of Birth :	_____
Designation :	_____	Qualification :	_____
Organisation :	_____		
Address :	_____		
Phone(s) :	(Off) : _____	(Mobile) :	_____
		Home :	_____
e-mail :	_____	Fax :	_____

**Sponsor's Details**

Name of the Sponsoring Authority _____	Designation _____
Organisation :	_____
GSTIN :	_____
Address :	_____
	_____
	Pincode : _____
Phone(s) :	(Off) : _____
	(Mobile) : _____
e-mail :	_____
	Fax : _____

**Fee Particulars**

Amount Payable :	Mode of Payment (DD/Chq/NEFT) :
Name of the Bank :	Date of Instrument/Transfer :
Instrument Number :	UTR Number for NEFT :

**Medical Insurance**

Name of the Insurance Agency	Policy Number	Validity upto
<b>Note : Coverage should be available in Hyderabad, India</b>		

Signature and Official Seal of the Sponsoring Authority :

NOTE : Forward nomination form to : **Mr. G. Srinivas Yadav, Programmes Officer**, Administrative Staff College of India, Bella Vista, Hyderabad-500 082. Phone : 0091-40-66534247, 66533000, Mobile: 9246203535, Fax : 0091-40-66534356, e-mail: poffice@asci.org.in